## ABSTRACT

A magnetic recording medium comprising a non-magnetic support, at least one primer layer formed on one surface of the non-magnetic support, a magnetic layer formed on the primer layer, and a backcoat layer formed on the other surface of the non-magnetic support, wherein the magnetic layer has a thickness of 0.30  $\mu$ m or less and a centerline average surface roughness Ra of 3.2 nm or less, and (P<sub>1</sub>-P<sub>0</sub>) is 30 nm or less and (P<sub>1</sub>-P<sub>20</sub>) is 5 nm or less in which P<sub>0</sub> is an averaged height of projections of the magnetic layer, and P<sub>1</sub>, P<sub>2</sub>, ---- and P<sub>20</sub> are heights of the highest, the second highest, --- and the 20th highest projections of the magnetic layer, respectively.

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